OPI Data Initiatives to Support Graduation Efforts

Madalyn Quinlan, Chief of Staff

July 23, 2012

Montana
Office of Public Instruction
Denise Juneau, State Superintendent
opi.mt.gov

GMM Objectives

1: Increase the rate of Montana students graduating from high school ready for college and the 21st century workforce

2: Establish a support network between schools, businesses, and community organizations for student success

3: Create school-based and community-based opportunities to inspire students to stay in school and graduate

Montana
Office of Public Instruction
Denise Juneau, State Superintendent
opi.mt.gov

Data-Driven Decision Making

- We all know that it is important to use data to drive our decisions.

- How can we manage and use our data to identify and respond to student needs for support and interventions?

OPI Data System Initiatives

- GEMS – Growth and Enhancement of Montana Students

- Electronic Student Transcripts to link K-12 and postsecondary education

Growth and Enhancement of Montana Students (GEMS)

Our students are the GEMS of the Treasure State

GEMS

- Montana Statewide Longitudinal Data System (SLDS) for K-12 education

- The GEMS website will provide both public and secure access to a wide range of current and historical data about K-12 education.

- Following best practices for data quality, governance, architecture, metadata standards, confidentiality, and reporting

GEMS Project Scope

GEMS Public Web Portal Categories and Subcategories

General District and School Information
- School Facilities
- Contact Information
- District Profiles
- Statewide Reports
- Accreditation
- NCLB Status

Program and Course Offering
- Career and Technical Ed
- Adult and Basic Ed
- Advanced Drivers Ed
- Gifted and Talented
- Learn & Serve
- Indian Education
- Special Education
- Bilingual Education

School Climate
- Discipline Information
- Youth Risk Behavior Survey
- My Voice
- School Health profiles

Student Achievement
- Graduation Rates
- College Entrance Tests
- GED
- CRT and CRT-Alt
- English Language Prof. Assessment
- NAEP
- AYP
- Gear Up

Student Services
- After School programs
- Student Transportation
- Child Nutrition
- Drivers Ed
- BYRD Scholarships

School Finance
- Financial Information
- County Fiscal Information
- Grant Information

School Staffing and Teacher Characteristics
- School Staff Information
- Educator Licensure
- Teacher and Principal Eval
- Highly Qualified Teachers

Student Characteristics
- Enrollment
- Homeless, Neglected, and Delinquent Students
- Migrant Students
- Limited English Proficient

Student Engagement
- Attendance
- Extracurricular Acitivies

Montana
Office of Public Instruction
Denise Juneau, State Superintendent
opi.mt.gov

gems
gems.opi.mt.gov

Growth and Enhancement
of Montana Students

Search this site...

Welcome

Welcome to the Montana Office of Public Instruction's GEMS Home Page.

This site provides resources and information about OPI's data collection tools, formats, and schedules. It also links to reports on student achievement, graduation rates, district education profiles, the National Assessment of Educational Progress (NAEP), and financial information reported by school district.

Find a School or School System

[   ] go

Search for Schools or School Systems

School | System

| Select School or System | Select City | Select Type of School | Select Grade | go |
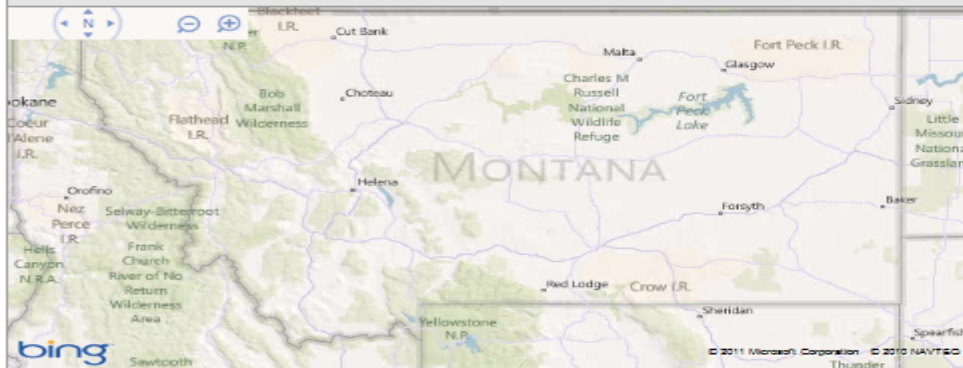
School Results

Check boxes to compare schools   compare

Common Navigation for All Users

Montana
Office of Public Instruction
Denise Juneau, State Superintendent

opi.mt.gov

Growth and Enhancement of Montana Students

gems

gems.opi.mt.gov

Search this site...

Login to Secure Site

I am interested in	Reports & Data	Find Schools	Training Center	Contact Us

Find Schools

Map of Montana Schools

Side-by-Side Comparison

School Directory

School Profile

School District Profile

GEMS > Side-by-Side Comparison

Choose to compare either schools or districts. Type the name of the school/district and click the "Add" button. Results will be shown in the grid below. You can compare up to 3 at a time

Select Comparison:

⚪ Districts ⚫ Schools

[   ]   **Add School/District**

CRT Assessment Status	School/District Characteristics	Program & Course Offerings	Financials

Data/School	☐ Remove	☐ Remove	☐ Remove
	Capital High School	Helena High School	Billings West High School
10th Grade Reading Students Meeting or Exceeding Standards	Capital High School	Helena High School	Billings West High School
All Students (Including ELL and Sp Ed)	78.58%	75.46%	82.64%
Male Students	70.72%	69.48%	78.06%
Female Students	86.62%	81.97%	87.44%
American Indian/Alaskian Native	62.65%	61.02%	64.95%
Asian or Pacific Islander	93.75%	76.47%	91.18%
White, Non-Hispanic	79.82%	77.30%	84.02%
Black, Non-Hispanic	60.00%	57.14%	64.29%
Hispanic	68.18%	54.55%	67.53%
Students Eligible for Free or Reduced Lunch	65.80%	58.46%	62.99%
Students served in Migrant Program	0.00%	100.00%	100.00%
Special Education Students	46.84%	28.14%	32.43%
	0.00%	33.33%	

Montana
Office of Public Instruction
Denise Juneau, State Superintendent
opi.mt.gov

gems
gems.opi.mt.gov

Growth and Enhancement
of Montana Students

I am interested in	Reports & Data	Find Schools	Training Center	Contact Us

Find Schools

- Map of Montana Schools
- Side-by-Side Comparison
- School Directory
- **School Profile**
- School District Profile

GEMS Secure > Find Schools > School Profile

School Profile

Select School... ▾

Detail Report / Print Page

Havre High School

Data Definitions & Explanations
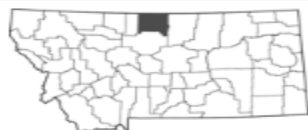
District: Havre High School
Grades Served: 9 -12
Sector: PUBLIC
Email:
Phone: (406)265-6731

County: Hill
Grade Type: High School
Accreditation: ADVICE
Web Site: havre.k12.mt.us
Address: 900 18th Street
Havre, 59501

CRT & ESEA	School Characteristics	Programs & Course Offerings	Financials

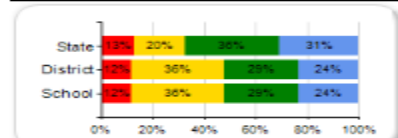**Criterion-Referenced Test**   more >

◀◀ ◀ 1 of 1 ▶ ▶◀   100% ▾   Find | Next   🖫▾ ↻

CRT Reading Proficiency Level

Performance Level	State	District	School
Advanced	31%	24%	24%
Proficient	36%	29%	29%
Nearing Proficiency	20%	36%	36%
Novice	13%	12%	12%

CRT Mathematics Proficiency Level

Performance Level	State	District	School
Advanced	51%	47%	47%
Proficient	34%	25%	25%
Nearing Proficiency	10%	14%	14%
Novice	5%	13%	13%
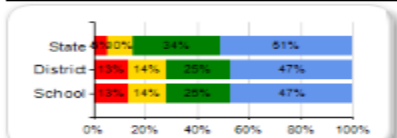
CRT Science Proficiency Level

Performance Level	State	District	School
Advanced	31%	24%	24%
Proficient	36%	29%	29%
Nearing Proficiency	20%	36%	36%
Novice	13%	12%	12%
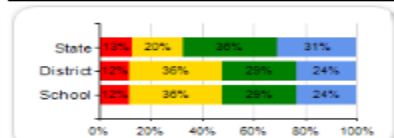
■ Advanced   ■ Proficient   ■ Nearing Proficiency   ■ Novice

Adequate Yearly Progress   more >

◀◀ ◀ 1 of 1 ▶ ▶◀   100% ▾   Find | Next   🖫▾ ↻

	State of Montana	District	School
Over All	8th Year Identified for Improvement	1st Year Identified for Corrective Action	1st Year Identified for Corrective Action
Reading	8th Year Identified for Improvement	1st Year Identified for Improvement	1st Year Identified for Improvement
Math	8th Year Identified for Improvement	1st Year Identified for Corrective Action	1st Year Identified for Corrective Action
Graduation Rate	1st Year Identified for Improvement	1st Year did not make AYP (Watch List)	1st Year did not make AYP (Watch List)
Attendance Rate	Made AYP	Not Applicable	Not Applicable

Data as of: 12/07/2011

"The Montana Office of Public Instruction provides vision, advocacy, support and leadership for schools and communities to ensure that all students meet today's challenges and tomorrow's opportunities."

Montana
Office of Public Instruction
Denise Juneau, State Superintendent
opi.mt.gov

Montana
Office of Public Instruction
Denise Juneau, State Superintendent
opi.mt.gov

gems
gems.opi.mt.gov

Growth and Enhancement of Montana Students

Search this site...

I am interested in	Reports & Data	Find Schools	Training Center	Contact Us

GEMS Secure > Student Achievement > MontCAS (CRT) Proficiency Trends

Overview
Student Achievement Dashboard

Accountability
Adequate Yearly Progress (AYP) Improvement Status

Adequate Yearly Progress (AYP) Preliminary Report

Adequate Yearly Progress (AYP) Trends

Statewide Assessment
Definition of "Proficient" for ELP Assessments

MontCAS (CRT) Proficiency Comparisons by Subgroup

MontCAS (CRT) Proficiency Levels and Scale Scores

MontCAS (CRT) Proficiency Trends

MontCAS (CRT) Student Trends

Graduation
Adequate Yearly Progress (AYP) Graduation Rate Trends

MontCAS (CRT) Proficiency Trends

Year	2010-2011	District/School	Billings Elem - 0965
Grade	Grade 4	Gender	All
Content Area	Mathematics	Ethnicity	All
Economically Disadvantaged	All	Limited English Proficiency	All
Special Education	All	Alternate Assessed	All

View Report

|◁ ◁ 1 of 1 ▷ ▷| ⬦ 100% | Find | Next

[Data Definition & Explanations](#)

Year	Advanced State	Advanced District	Proficient State	Proficient District	Nearing Proficiency State	Nearing Proficiency District	Novice State	Novice District
2007	25.02%	24.57%	41.62%	41.67%	16.94%	17.19%	16.34%	16.56%
2008	26.65%	24.14%	39.98%	43.40%	18.82%	17.33%	14.35%	15.00%
2009	27.63%	31.35%	38.90%	40.25%	18.12%	17.75%	15.11%	10.58%
2010	31.56%	28.28%	37.00%	39.77%	17.21%	15.60%	14.02%	15.51%
2011	31.01%	28.77%	38.60%	38.44%	18.68%	18.20%	13.57%	14.56%

	At or Above Proficient	
Year	State	District
2007	66.61%	66.25%
2008	66.49%	67.47%
2009	66.38%	71.54%
2010	68.38%	67.47%
2011	69.49%	67.19%

Billings Elem - 0965 Proficiency Trends Chart

Percent of Students at or above
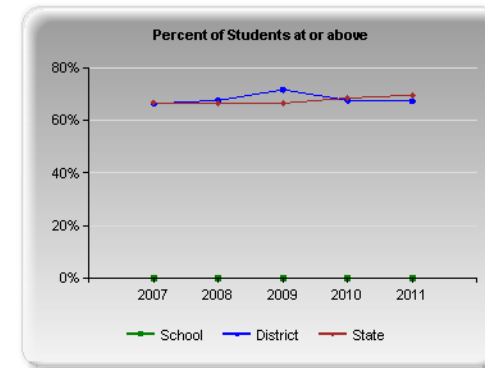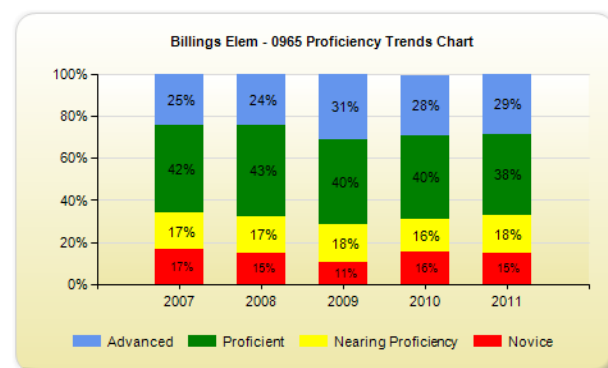
GEMS provides Context for Districts

- Compare to statewide indicators/measures
- Choose similarly situated districts and compare results
- Choose districts that have chosen similar (or dissimilar) strategies and compare results
- Select districts with which to share information and instructional strategies

Linking Data to Postsecondary

- OPI recently secured a second SLDS grant from USED. This grant is for $3.98 million.

- Goal: Establish data linkages between K-12 and postsecondary partners by creating an electronic student transcript repository for K-12 education.

Measuring Readiness, Transition and Success

K-12 Data	Postsecondary Data
Student-level enrollment data	Postsecondary enrollment data
Student-level demographic and program participation data	Student-level demographic data
State test data that indicate academic preparation	Remediation data
Information on untested students	Course-taking data
Course-taking data	Postsecondary GPA
High school GPA	Retention data
High school graduation data	Completion status and time to degree

Want to learn more about OPI's data initiatives?

- http://gems.opi.mt.gov/Pages/Default.aspx

- Jamey Ereth, GEMS Project Manager
  - ❏ jereth@mt.gov
  - ❏ 406-444-4409

Montana
Office of Public Instruction
Denise Juneau, State Superintendent
opi.mt.gov